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Term	Documents
"248/205.3".USPT,PGPB.	465
248/205.3S	0
248/304.USPT,PGPB.	446
248/304S	0
428/355BL.USPT,PGPB.	320
428/355BLS	0
427/208.USPT,PGPB.	226
427/208S	0
"427/208.4".USPT,PGPB.	440
427/208.4S	0
(6 AND ((427/208 OR 428/355BL OR "427/208.4" OR 248/304 OR "248/205.3").CCLS.)).USPT,PGPB.	2
(L6 AND ((248/205.3 OR 248/304 OR 428/355BL OR 427/208 OR 427/208.4).CCLS.)).USPT,PGPB.	2

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Set Name Query**side by side****Hit Count Set Name****result set***DB=USPT,PGPB; PLUR=YES; OP=ADJ*

<u>L1</u>	(stretch release)same ((pressure sensitive adhesive) or (self adhesive))	23	<u>L1</u>
<u>L2</u>	l1 and ((acid or anhydride)adj modified)	2	<u>L2</u>
<u>L3</u>	(stretch release) same (sebs or seps)	1	<u>L3</u>
<u>L4</u>	((acid or anhydride)adj modified)same (elastomer or sebs or seps)	501	<u>L4</u>
<u>L5</u>	l4 and l1	1	<u>L5</u>
<u>L6</u>	l4 and ((pressure sensitive adhesive) or (self adhesive))	58	<u>L6</u>
<u>L7</u>	l6 and ((248/205.3 or 248/304 or 428/355bl or 427/208 or 427/208.4).ccls.)	2	<u>L7</u>

END OF SEARCH HISTORY

DERWENT-ACC-NO: 1984-257695

DERWENT-WEEK: 198442

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TITLE: Adhesive foil for detachable adhesive
bonding - contg. thermoplastic elastomer esp.
styrene!-butadiene! block copolymer and tackifying resin esp.
colophony deriv.

INVENTOR: FRANZEN, K; ZIMMERMANN, D

PATENT-ASSIGNEE: BEIERSDORF AG[BEIE]

PRIORITY-DATA: 1983DE-0010032 (April 6, 1983)

PATENT-FAMILY:

PUB-NO	PAGES	MAIN-IPC	PUB-DATE	LANGUAGE
DE 3331016 A	007	N/A	October 11, 1984	N/A
DE 3331016 C	003	C09J 005/00	July 16, 1992	N/A

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-DESCRIPTOR	APPL-NO
DE 3331016A	August 27, 1983	N/A	1983DE-3331016
DE 3331016C	August 27, 1983	N/A	1983DE-3331016

INT-CL (IPC): C09J005/00, C09J007/00

ABSTRACTED-PUB-NO: DE 3331016A

BASIC-ABSTRACT:

The foil consists of (A) thermoplastic elastomer and (B) tackifying resin. The adhesive foil has high elasticity and low plasticity.

Adhesion is lower than cohesion. The adhesive properties vanish on extending the foil. The ratio of peeling off strength to breaking load is 1:2 or more and an adhesive bond can be detached by pulling at the adhesive foil in the direction of the adhesive plane.

The thermoplastic elastomer can be a styrene-butadiene block polymer and the tackifying resin a colophony deriv. The foil can contain anti-oxidants, uv.-stabilisers, dyes, fillers and/or other auxiliaries.

USE/ADVANTAGE - The adhesive foil is useful for the detachable bonding of 2 joint pts., at least one of which is rigid, e.g. information tables on show-windows, pictures or mirrors on walls, exhibition materials on partitions. The joined surfaces remain undamaged on sepn..

ABSTRACTED-PUB-NO: DE 3331016C

EQUIVALENT-ABSTRACTS:

Adhesive film (I), for use in repeatedly detachable adhesive bonding, is based on (a) thermoplastic rubber and (b) tack-imparting resins.

Film (I) has high elasticity and low plasticity and the adhesion is lower than the cohesion and the adhesive power mostly disappears on stretching the film. The ratio of withdrawal force to tear force is 1:2 or greater. A bond produced with film (I) can be detached by pulling on film (I) in the direction of the adhesion plane.

Pref. the material of film (I) is adjusted so that it is self-adhesive or is heat-activatable. Pref. rubber (a) is a styrene-butadiene block polymer and resin (b) is a colophonium deriv.

ADVANTAGE - After a particular time, the cemented materials

can be sepd.
without special expense or damage.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: ADHESIVE FOIL DETACH ADHESIVE BOND CONTAIN
THERMOPLASTIC ELASTOMER
POLYSTYRENE POLYBUTADIENE BLOCK COPOLYMER
TACKIFIER RESIN COLOPHONY
DERIVATIVE

DERWENT-CLASS: A12 A13 A81 G03

CPI-CODES: A12-A01; G03-B04;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1314S

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0002 0010 0222 0231 0306 3159 0500 1095 1985
1990 1999 2011 2208
2211 2239 2266 2268 2307 2321 2436 3237 2458 2488 2513 2559
2599 2602 2623 2628
2635 2654 3252 3253 2682 2692 3269 2725 2726 2728 2816 2835
Multipunch Codes: 014 032 034 036 04- 055 056 074 077 081 117
122 231 239 247
248 255 27& 273 274 303 305 308 311 329 353 364 365 398 415
431 435 442 443 446
450 455 47& 477 50& 512 54& 541 55& 551 560 562 566 567 573
575 582 59& 596 597
600 609 610 613 668 688 726

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1984-108945